UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/421,590	10/20/1999	AJAY P. DEO	COS-98-021	4368

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WORLDCOM, INC.
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EXAMINER
BAUGH, APRIL L

ART UNIT	PAPER NUMBER
2141	19

DATE MAILED: 08/01/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on _____ .

2a) ☒ This action is **FINAL**.   2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
   closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) _1-4_ is/are pending in the application.

   4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) _1-4_ is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) ☒ The proposed drawing correction filed on _04 October 2002_ is: a)☒ approved b)☐ disapproved by the Examiner.

    If approved, corrected drawings are required in reply to this Office action.

12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

       1.☐ Certified copies of the priority documents have been received.

       2.☐ Certified copies of the priority documents have been received in Application No. _____ .

       3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
          application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

    a) ☐ The translation of the foreign language provisional application has been received.

15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _9,13,14_ .

4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: .

DETAILED ACTION

Response to Amendment

Applicant has amended independent claims 1-4,and therefore claims 1-4 are now pending.

Drawings

1.   The proposed drawing correction and/or the proposed substitute sheets of drawings, filed

on October 4, 2002 have been accepted. A proper drawing correction or corrected drawings are

required in reply to the Office action to avoid abandonment of the application. The correction to

the drawings will not be held in abeyance.

Specification

The proposed specification corrections received on October 4, 2002 have been accepted.

Response to Arguments

2.   Applicant's arguments with respect to claims 1-4 have been considered but are moot in

view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2.   Claims 1-4 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 5,907,607 to Waters et al.

Referring to claim 1 Waters et al. discloses a service administration system for distributing service processing resources among one or more service nodes of an intelligent communications network (column 1, lines 5-7), each service node providing services at a network resource associated with a service node (column 1, lines 12-13), said system comprising: a device for receiving re-usable service components for providing services at a service node of said intelligent communications network (column 2, lines 18-25 and column 5, lines 19-20), each said service component having an associated service profile defining service node resources required for storing, maintaining and executing said service (column 2, lines 35-39 and column 3, lines 5-9 and 26-30); a device for receiving configuration criteria including physical resource capacity of each service node of said network (column 11, lines 28-30 and 42-67); a database device for storing said received service components, said service node configuration criteria, and service profile associated with said service components (column 3, lines 20-21 and column 10, lines 38-39 and column 11, lines 21-30); a distribution mechanism

for distributing copies of said service components to one or more service nodes according to said

service profile information associated with a service and a configuration criteria of said service

nodes (column 3, lines 13-15); and a trigger mechanism for automatically activating and

deactivating said service component distributed to said service node, wherein utilization of

service node resources are optimized by activating said service components at service nodes

during periods of high demand for an associated service and deactivating service components at

service nodes during periods of low demand for said service (column 1, lines 26-32).

Referring to claim 2, Waters et al. discloses a method for administering service

components to one or more service nodes comprising an intelligent network (column 1, lines 5-

7), each service node providing one or more services relating to an event received at a network

resource associated with a service node (column 1, lines 12-13), said method comprising:

receiving re-usable service components for providing services at a service node of said

intelligent network (column 2, lines 18-25 and column 5, lines 19-20), each said service

component having an associated service profile defining service node resources required for

storing, maintaining and executing said services (column 2, lines 35-39 and column 3, lines 5-9

and 26-30); receiving configuration criteria including physical resource capacity of each service

node of said network (column 11, lines 28-30 and 42-67); maintaining a database including

master copies of said received service components, said service node configuration criteria, and

service profile associated with said service components (column 3, lines 20-21 and column 10,

lines 38-39 and column 11, lines 21-30); distributing copies of said service components to one

or more service nodes according to said service profile information associated with a service and

a configuration criteria of said service nodes(column 3, lines 13-15); and forwarding a trigger to

said service node for automatically activating and deactivating a service component distributed

to said service node, whereby a service component distributed to said service node is activated

during periods of high demand for an associated service and deactivated at service nodes during

periods of low demand for said service (column 1, lines 26-32).

Referring to claim 3, Waters et al. teaches a service processing system for controlling a

communications network having a plurality of service nodes (column 1, lines 5-7 and 12-13 and

column 4, lines 55-56), each service node comprising at least one logic execution environment

that hosts managed objects (column 2, lines 8-10), said service processing system comprising: a

data manager for maintaining at each service node a local storage of managed objects and data

needed for service processing within the service node (column 2, lines 40-44 and column 6, lines

4-6) and monitoring operational status of the local storage at the service nodes (column 11,

lines33-35 and column 16, lines 24-26); and at least one service administrator that controls the

deployment and activation of services within said service processing system by distributing,

from a global repository, managed objects and data to one or more data managers associated with

said service nodes in said communications network (column 1, lines 12-13 and column 5, lines

21-26).

Regarding claim 4, Waters et al. teaches a method for controlling the deployment and

activation of services in a communications network having a plurality of service nodes (column

1, lines 5-7 and 12-13 and column 4, lines 55-56), each service node comprising at least one

logic execution environment that hosts managed objects (column 2, lines 8-10), said method

comprising: maintaining at each of said service nodes a local data store of managed objects and

data needed for service processing within the service node (column 2, lines 40-44 and column 6,

lines 4-6); monitoring operational status of the local data store of the service nodes (column 11,

lines33-35 and column 16, lines 24-26); and selectively distributing, from a global repository,

managed objects and data to one or more of said local stores associated with said service nodes

in said communications network, so as to control where and when services are deployed and

activated in said communications network (column 1, lines 12-13 and column 5, lines 21-26).

Conclusion

3.   The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.

The following patents are cited to further show the state of the art with respect to online

information transaction systems in general:

US Pat No. 6,418,461 to Barnhouse et al.

US Pat No. 6,044,264 to Huotari et al.

US Pat No. 5,812,533 to Cox et al.

4.   Applicant's amendment necessitated the new ground(s) of rejection presented in this

Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to April L Baugh whose telephone number is 703-305-5317. The examiner can normally be reached on Monday-Friday 8:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on 703-305-4003. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-9149 for regular communications and 703-746-9149 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

ALB
July 25, 2003

RUPAL DHARIA
PRIMARY EXAMINER